

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## Declaration and Power of Attorney For Patent Application

### 特許出願宣言書及び委任状

### Japanese Language Declaration

### 日本語宣言書

下記の氏名の発明者として、私は以下の通り宣言します。 As a below named inventor, I hereby declare that:

私の住所、私書箱、国籍は下記の私の氏名の後に記載された通りです。 My residence, post office address and citizenship are as stated next to my name.

下記の名称の発明に関して請求範囲に記載され、特許出願している発明内容について、私が最初かつ唯一の発明者（下記の氏名が一つの場合）もしくは最初かつ共同発明者であると（下記の名称が複数の場合）信じています。 I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

SEMICONDUCTOR DEVICE AND METHOD FOR  
MANUFACTURING SAME

上記発明の明細書（下記の欄で x 印がついていない場合は、本書に添付）は、 the specification of which is attached hereto unless the following box is checked:

☐ 月 日に提出され、米国出願番号または特許協定条約  
国際出願番号を とし、  
(該当する場合) に訂正されました。

☐ was filed on \_\_\_\_\_  
as United States Application Number or  
PCT International Application Number  
\_\_\_\_\_ and was amended on  
\_\_\_\_\_ (if applicable).

私は、特許請求範囲を含む上記訂正後の明細書を検討し、内容を理解していることをここに表明します。

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

私は、連邦規則法典第 37 編第 1 条 5 6 項に定義されるとおり、特許資格の有無について重要な情報を開示する義務があることを認めます。

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

# Japanese Language Declaration (日本語宣言書)

私は、米国法典第35編119条(a)-(d)項又は365条(b)項に基き下記の、米国以外の国の少なくとも一カ国を指定している特許協力条約365(a)項に基づく国際出願、又は外国での特許出願もしくは発明者証の出願について外国優先権をここに主張するとともに、優先権を主張している、本出願の前に出願された特許または発明者証の外国出願を以下に、枠内をマークすることで、示しています。

I hereby claim foreign priority under Title 35, United States Code, Section 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)  
外国での先行出願

Priority Claimed  
優先権主張

2001-336827 (Number) (番号)	Japan (Country) (国名)	01/11/2001 (Day/Month/Year Filed) (出願年月日)	<input checked="" type="checkbox"/> Yes はい	<input type="checkbox"/> No いいえ
2001-338110 (Number) (番号)	Japan (Country) (国名)	02/11/2001 (Day/Month/Year Filed) (出願年月日)	<input checked="" type="checkbox"/> Yes はい	<input type="checkbox"/> No いいえ

私は、第35編米国法典第119条(e)項に基いて下記の米国特許出願規定に記載された権利をここに主張いたします。

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

(Application No.) (出願番号)	(Filing Date) (出願日)	(Application No.) (出願番号)	(Filing Date) (出願日)
-----------------------------	------------------------	-----------------------------	------------------------

私は、下記の米国法典第35編120条に基いて下記の米国特許出願に記載された権利、又は米国を指定している特許協力条約365条(c)に基づく権利をここに主張します。また、本出願の各請求範囲の内容が米国法典第35編112条第1項又は特許協力条約で規定された方法で先行する米国特許出願に開示されていない限り、その先行米国出願書提出日以降で本出願書の日本国内または特許協力条約国際提出日までの期間中に入手された、連邦規則法典第37編1条56項で定義された特許資格の有無に関する重要な情報について開示義務があることを認識しています。

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of application.

(Application No.) (出願番号)	(Filing Date) (出願日)	(Status: Patented, Pending, Abandoned) (現況: 特許許可済、係属中、放棄済)
(Application No.) (出願番号)	(Filing Date) (出願日)	(Status: Patented, Pending, Abandoned) (現況: 特許許可済、係属中、放棄済)

私は、私自身の知識に基づいて本宣言書で私が行なう表明が真実であり、かつ私の入手した情報と私の信じていることに基づく表明が全て真実であると信じていること、さらに故意になされた虚偽の表明及びそれと同等の行為は米国法典第18編第1001条に基づき、罰金または拘禁、もしくはその両方により処罰されること、そしてそのような故意による虚偽の声明を行なえば、出願した、又は既に許可された特許の有効性が失われることを認識し、よってここに上記のごとく宣言を致します。

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

## Japanese Language Declaration (日本語宣言書)

委任状： 私は下記の発明者として、本出願に関する一切の  
手続きを米特許商標局に対して遂行する弁理士または代理人  
として、下記の者を指名いたします。(弁理士、または代理  
人の氏名及び登録番号を明記のこと)

POWER OF ATTORNEY: As a named inventor, I hereby appoint  
the following attorney(s) and/or agent(s) to prosecute this  
application and transact all business in the Patent and Trademark  
Office connected therewith : Customer No. 23353 and :

John E. McGarry	Reg. No. 22,360
Richard D. Grauer	Reg. No. 22,388
Ronald P. Kananen	Reg. No. 24,104
H. Lawrence Smith	Reg. No. 24,900
Ralph T. Rader	Reg. No. 28,772
Michael D. Fishman	Reg. No. 31,951
Joel E. Bair	Reg. No. 33,356
Joseph V. Coppola, Sr.	Reg. No. 33,373
Michael B. Stewart	Reg. No. 36,018
Mark A. Davis	Reg. No. 37,118
Alexander D. Rabinovich	Reg. No. 37,425

Kevin D. Rutherford	Reg. No. 40,412
Glenn E. Forbis	Reg. No. 40,610
Kristin L. Murphy	Reg. No. 41,212
Matthew J. Russo	Reg. No. 41,282
Robert S. Green	Reg. No. 41,800
G. Thomas Williams	Reg. No. 42,228
David L. Benson	Reg. No. 42,314
Brian K. Dutton	Reg. No. 47,255
Eugene G. Byrd	Reg. No. 47,361

**書類送付先**

**RADER, FISHMAN & GRAUER PLLC**  
1233 20th Street, N.W.  
Suite 501  
Washington, D.C. 20036

**Send Correspondence to:**

**RADER, FISHMAN & GRAUER PLLC**  
1233 20th Street, N.W.  
Suite 501  
Washington, D.C. 20036

**直接電話連絡先： (名前及び電話番号)**

(202) 955-3750

**Direct Telephone Calls to: (name and telephone number)**

(202) 955-3750

唯一または第一発明者名	Full name of sole or first inventor <div style="text-align: right;">Kazutaka SHIBATA</div>
発明者の署名 <div style="text-align: right;">日付 Oct 29th 2002</div>	Inventor's signature <div style="text-align: right;">Date Oct 29th 2002</div>
住所	Residence Kyoto, Japan
国籍	Citizenship Japan
私書箱	Post Office Address c/o ROHM CO., LTD., 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto 615-8585, Japan
第二共同発明者	Full name of second joint inventor, if any
第二共同発明者の署名 日付	Second inventor's signature Date
住所	Residence
国籍	Citizenship
私書箱	Post Office Address

(第三以降の共同発明者についても同様に記載し、署名をす (Supply similar information and signature for third and subsequent joint inventors.)  
ること)



UNITED STATES  
PATENT AND  
TRADEMARK OFFICE

A1-254

AUGUST 08, 2003

RADER, FISHMAN & GRAUER  
DAVID K. BENSON  
SUITE 501, 1233 20TH STREET, N.W.  
WASHINGTON, D.C. 20036

PTAS

Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
www.uspto.gov

RECEIVED  
AUG 21 2003



BY: .....

\*102396033A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/18/2002

REEL/FRAME: 013858/0338  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

SHIBATA, KAZUTAKA

DOC DATE: 10/29/2002

ASSIGNEE:

ROHM CO., LTD.  
21, SAIIN MIZOSAKI-CHO  
UKYO-KU, KYOTO 615-8585, JAPAN

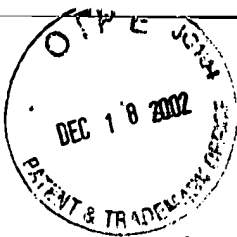
SERIAL NUMBER: 10284318

FILING DATE: 10/31/2002

PATENT NUMBER:

ISSUE DATE:

SHAREILL COLES, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



03-21-2003



102396033

FORM PTO-1984

ROH-066

ET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies)

1) Kazutaka SHIBATA

12-18-02

Additional name(s) of conveying party(ies) attached No

## 2. Name and address of receiving party(ies)

Name: Rohm Co., Ltd.

Street Address: 21, Saiin Mizosaki-cho  
Ukyo-ku, Kyoto 615-8585  
JAPAN

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name

Other \_\_\_\_\_

Execution Date: October 29, 2002

Additional name(s) & address(es) attached ☐ Yes ☒ No

## 4. Application number(s) or patent number(s): 10/284,318

If the document is being filed together with a new application, the execution date of the application is 2  
Additional numbers attached No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: RADER, FISHMAN &amp; GRAUER

Internal Address: Suite 501

Street Address: 1233 20<sup>th</sup> Street, NW

City: Washington, D.C.

Zip: 20036

## 6. Total number of applications and patents involved:..... 1

## 7. Total fee (37 CFR 3.41)..... \$ 40.00

☐ Enclosed☒ Authorized to be charged to Deposit Account

## 8. Deposit account number:

18-0013

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

David K. Benson Reg. No. 42,314

Name of Person Signing

Signature

December 18, 2002

Date

Total number of pages comprising cover sheet 1

DC013760

03/20/2003 LNUELLER 00000213 180013 10284318

01 FC:8021

.00 CH

## ASSIGNMENT AND AGREEMENT

*WHEREAS*, Kazutaka SHIBATA (hereinafter referred to singly and collectively as "ASSIGNOR") have invented a certain invention entitled SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING SAME for which an application for United States Letters Patent was executed by ASSIGNOR concurrently herewith; and

*WHEREAS*, ROHM CO., LTD., a corporation duly organized and existing under the laws of Japan ASSIGNEE \_\_ STATE \_\_ INC, and having its principal place of business at 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto 615-8585, Japan (hereinafter referred to as "ASSIGNEE") is desirous of acquiring the entire interest therein;

*NOW THEREFORE*, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto ASSIGNEE, its successors and assigns, the full and exclusive right, title, and interest in and to (a) the above-identified invention or inventions and all improvements and modifications thereof, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for the above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

*ASSIGNOR HEREBY AUTHORIZES AND REQUESTS* the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

*ASSIGNOR HEREBY AGREES* (a) to communicate to ASSIGNEE, its successors and assigns, or their representatives or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and

assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

**ASSIGNOR HEREBY REPRESENTS AND WARRANTS** that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

**ASSIGNOR HEREBY GRANTS** to the law firm of **Rader, Fishman & Grauer, PLLC** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

**ASSIGNOR UNDERSTANDS AND AGREES** that the attorneys and agents of the law firm of **Rader, Fishman & Grauer, PLLC** do not personally represent ASSIGNOR or ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

Date: Oct. 29th. 2002

  
Kazutaka SHIBATA

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_